

## Certificate of Analysis

Date of Testing: 2023-02-22 10:48:20  
Date of Next Testing: 2027-02-21 10:48:20  
Product Name: **Triethanolamine**  
CAS Number: 102-71-6  
Specifications & Purity: Analytical Reagent  
Lot #: B2313574  
SKU #: **T108151**  
**Analysis:** **189997**  
Storage Temperature: Protected from light

| Parameter                           | Limit Values | Result  |
|-------------------------------------|--------------|---------|
| Refractive index n <sub>20</sub> /D | 1.482-1.489  | 1.48    |
| Assay(Total amine)                  | 99-110 (%)   | 99.34 % |
| Ignition Residue (as sulfate)       | 0-0.05 (%)   | 0.03 %  |
| Assay(Triethanolamine )             | 78-100 (%)   | 99.34 % |
| Density (20°C)                      | 1.123-1.133  | 1.12    |
| Solubility in EtOH , clear,50mg/ml  | pass         | Pass    |



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